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**FAX TRANSMISSION****DATE:** June 19, 2007**PTO IDENTIFIER:** Application Number 09/547,288-Conf. #4871  
Patent Number**Inventor:** Nir N. Shavit et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** OSHA · LIANG LLP

Robert P. Lord

**PHONE:** (713) 228-8600**Attorney Dkt. #:** 33226/959002; P4663**PAGES (Including Cover Sheet):** 27**CONTENTS:** Transmittal (1 page)  
Transmittal Letter (2 pages)  
Revocation and Substitute POA Under 37 CFR § 1.36 with attached Appendix A (22 pages)  
Certificate of Transmission (1 page)

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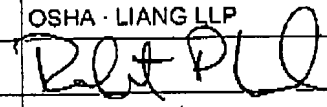
PTO/SB/21 (04-07)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/547,288-Conf. #4871	
	Filing Date	April 11, 2000	
	First Named Inventor	Nir N. Shavit	
	Art Unit	2183	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	28	Attorney Docket Number	33226/959002; P4883

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.63	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal Letter (2 pages) Certificate of Transmission (1 page)
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	OSHA - LIANG LLP	
Signature		
Printed name	Robert P. Lord	
Date	June 19, 2007	Reg. No. 48,479

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**JUN 19 2007**

Docket No.: 33226/959002; P4663  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Nir N. Shavit et al.

Application No.: 09/547,288

Confirmation No.: 4871

Filed: April 11, 2000

Art Unit: 2183

For: **MAINTAINING A DOUBLE-ENDED QUEUE  
IN A CONTIGUOUS ARRAY WITH  
CONCURRENT NON-BLOCKING INSERT  
AND REMOVE OPERATIONS USING A  
DOUBLE COMPARE-AND-SWAP  
PRIMITIVE**

Examiner: Not Yet Assigned

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Transmittal (1 page);
2. Revocation and Substitute POA under 37 CFR §1.36 with attached Appendix A (22 pages); and
3. Certificate of Transmission (1 page).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in

Application No.: 09/547,288

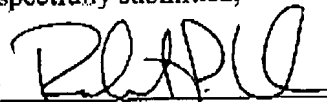
Docket No.: 33226/959002; P4663

this application by this firm) to our Deposit Account No. 50-0591, under Order No. 33226/959002; P4663. A duplicate copy of this paper is enclosed.

Dated: June 19, 2007

Respectfully submitted,

By



Robert P. Lord  
Registration No.: 46,479  
OSHA · LIANG LLP  
1221 McKinney St., Suite 2800  
Houston, Texas 77010  
(713) 228-8600

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.  
Address of Applicant and Assignee: 4150 Network Circle  
Santa Clara, CA 95054

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

**32615**  
PATENT TRADEMARK OFFICE

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

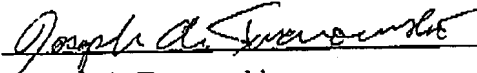
Robert P. Lord  
OSHA • LIANG LLP  
1221 McKinney Street, Suite 2800  
Houston, Texas 77010  
Telephone No.: (713) 228-8600  
Facsimile No.: (713) 228-8778

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

Dec. 20, 2006

Name:

Joseph A. Twarowski

Title:

Assistant General Counsel  
Sun Microsystems, Inc.

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**APPENDIX A**

1. **Patent Application/Serial No.:** 10/799,049  
**Title:** GARBAGE-FIRST GARBAGE COLLECTION  
**Filed:** 3/12/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015079/0946  
**Reference No:** 33226/940001; SUN040074
2. **Patent Application/Serial No.:** 10/080,135  
**Title:** METHOD AND APPARATUS FOR SPECULATIVE ARBITRATION  
**Filed:** 2/21/2002  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 012623/0569  
**Reference No:** 33226/944001; P6999
3. **Patent Application/Serial No.:** 08/412,157  
**Patent No.:** 5,572,666  
**Title:** SYSTEM AND METHOD FOR GENERATING PSEUDO-RANDOM INSTRUCTIONS FOR DESIGN VERIFICATION  
**Filed:** 3/28/1995  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 007474/0344  
**Reference No:** 33226/924001; P0567

4. **Patent Application/Serial No.:** 10/394,813  
**Title:** ELISION OF WRITE BARRIERS FOR STORES WHOES VALUES ARE IN CLOSE PROXIMITY  
**Filed:** 3/21/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 013905/0661  
**Reference No:** 33227/023001; P7479
5. **Patent Application/Serial No.:** 10/644,344  
**Patent No.:** 7,149,762  
**Title:** HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH SELECTIVE EXTENSION OF THE COLLECTION SET  
**Filed:** 8/20/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014415/0840  
**Reference No:** 33226/943001; P8228
6. **Patent Application/Serial No.:** 09/551,113  
**Title:** CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED-LIST WITH AMORTIZED NODE ALLOCATION  
**Filed:** 4/18/2000  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** 33226/960000; P4665



7. **Patent Application/Serial No.:** 10/664,799  
**Title:** BLINDED ENCRYPTION AND DECRYPTION  
**Filed:** 9/18/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** 33227/009001
8. **Patent Application/Serial No.:** 10/313,878  
**Patent No.:** 7,143,124  
**Title:** DETECTION OF DEAD REGIONS DURING INCREMENTAL COLLECTION  
**Filed:** 12/6/2002  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 013559/0709  
**Reference No:** 33226/977001; P8275
9. **Patent Application/Serial No.:** 09/893,264  
**Patent No.:** 7,159,215  
**Title:** TERMINATION DETECTION FOR SHARED-MEMORY PARALLEL PROGRAMS  
**Filed:** 6/27/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 011943/0073  
**Reference No:** 33226/939001; P5221

**10. Patent Application/Serial No.: 10/372,905****Patent No.:** 7,146,390**Title:** STAGING THE PROCESSING OF  
REMEMBERED-SET ENTRIES AS  
PART OF COLLECTION BASED ON  
THE TRAIN ALGORITHM**Filed:** 2/24/2003**Applicant:** Sun Microsystems, Inc.**Reference No:** 33226/942001; P8234**11. Patent Application/Serial No.: 60/357,191****Title:** TECHNIQUES FOR DELEGATION OF  
MAIN-MEMORY RESIDENT OBJECTS  
AND MULTI-LEVEL UNDO**Filed:** 2/15/2002**Applicant:** Sun Microsystems, Inc.**Reference No:** 33226/945001; P7499 PROV**12. Patent Application/Serial No.: 10/375,414****Title:** NUMBERING SEQUENCES OF CARS  
WITH THE SAME NUMBER IN A  
GENERATION MANAGED BY THE  
TRAIN ALGORITHM**Filed:** 2/27/2003**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 013822/0191**Reference No:** 33226/973001; P8223

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13. **Patent Application/Serial No.:** 10/295,280**Patent No.:** 7,188,129**Title:** MERGING TRAINS IN A COLLECTOR  
BASED ON THE TRAIN ALGORITHM**Filed:** 11/15/2002**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 013499/0754**Reference No:** 33226/969001; P786114. **Patent Application/Serial No.:** 60/177,089**Title:** MAINTAINING A DOUBLE-ENDED  
QUEUE IN A CONTIGUOUS ARRAY  
WITH CONCURRENT NON-  
BLOCKING INSERT AND REMOVE  
OPERATIONS USING A DOUBLE  
COMPARE-AND-SWP PRIMITIVE**Filed:** 1/20/2000**Applicant:** Sun Microsystems, Inc.**Reference No:** 33226/959001; P4663 PROV15. **Patent Application/Serial No.:** 09/547,288**Title:** MAINTAINING A DOUBLE-ENDED  
QUEUE IN A CONTIGUOUS ARRAY  
WITH CONCURRENT NON-  
BLOCKING INSERT AND REMOVE  
OPERATIONS USING A DOUBLE  
COMPARE-AND-SWP PRIMITIVE**Filed:** 4/11/2000**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 010712/0617**Reference No:** 33226/959002; P4663

16. **Patent Application/Serial No.:** 09/229,272  
**Patent No.:** 6,842,853  
**Title:** THREAD SUSPENSION SYSTEM AND METHOD  
**Filed:** 1/13/1999  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 009722/0724  
**Reference No:** 33226/955001; P2927
17. **Patent Application/Serial No.:** 10/861,704  
**Title:** THREAD SUSPENSION SYSTEM AND METHOD  
**Filed:** 6/4/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** 33226/955002; P2927 C
18. **Patent Application/Serial No.:** 09/454,427  
**Title:** DYNAMIC EMBEDDING OF LITERAL OBJECT DATA IN SUPPLIED INSTANCE OF INFORMATION OBJECT  
**Filed:** 12/3/1999  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 010448/0577  
**Reference No:** 33226/956001; P3916

19. Patent Application/Serial No.: 09/377,349  
Patent No.: 6,434,576  
Title: POPULAR OBJECT HANDLING IN A  
TRAIN-ALGORITHM-BASED  
GARBAGE COLLECTOR  
Filed: 8/19/1999  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 010189/0681  
Reference No: 33226/957001; P4080
20. Patent Application/Serial No.: 09/377,555  
Patent No.: 6,185,581  
Title: TRAIN-ALGORITHM-BASED  
GARBAGE COLLECTOR EMPLOYING  
FIXED-SIZE REMEMBERED SETS  
Filed: 8/19/1999  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 010189/0633  
Reference No: 33226/958001; P4293
21. Patent Application/Serial No.: 09/829,207  
Patent No.: 6,880,071  
Title: SELECTIVE SIGNALING OF LATER  
RESERVE LOCATION MEMORY  
FAULT IN COMPOUND COMPARE-  
AND-SWAP  
Filed: 4/9/2001  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011695/0534  
Reference No: 33226/962001; P4667

22. Patent Application/Serial No.: 11/099,720  
Title: SEQUENTIALLY PERFORMED  
COMPARE-AND-SWAP  
Filed: 4/6/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016661/0899  
Reference No: 33226/962002; P4667-US-DIV-1
23. Patent Application/Serial No.: 09/710,218  
Patent No.: 7,117,502  
Title: LINKED-LIST IMPLEMENTATION OF  
DATA STRUCTURE WITH  
CONCURRENT NON-BLOCKING  
INSERT AND REMOVE OPERATIONS  
Filed: 11/10/2000  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011305/0889  
Reference No: 33226/963001; P4896
24. Patent Application/Serial No.: 10/996,508  
Title: WORK-STEALING QUEUES FOR  
PARALLEL GARBAGE COLLECTION  
Filed: 11/23/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011270/0285  
Reference No: 33226/964002; P4946C1

25. Patent Application/Serial No.: 60/204,184  
Title: PARALLEL GARBAGE COLLECTION  
FOR SHARED MEMORY  
MULTIPROCESSORS  
Filed: 5/15/2000  
Applicant: Sun Microsystems, Inc.  
Reference No: 33226/964000; P4948
26. Patent Application/Serial No.: 09/697,729  
Patent No.: 6,823,351  
Title: WORK-STEALING QUEUES FOR  
PARALLEL GARBAGE COLLECTION  
Filed: 10/26/2000  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011270/0285  
Reference No: 33226/964001; P4946
27. Patent Application/Serial No.: 09/893,256  
Patent No.: 7,103,887  
Title: LOAD-BALANCING QUEUES  
EMPLOYING LIFO/FIFO WORK  
STEALING  
Filed: 6/27/2001  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011943/0085  
Reference No: 33226/966001; P5388

28. Patent Application/Serial No.: 10/166,874  
Title: PREFETCHING TECHNIQUES FOR NETWORK INTERFACES  
Filed: 6/11/2002  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 013001/0641  
Reference No: 33226/967001; P7322
29. Patent Application/Serial No.: 10/679,183  
Title: DEFERRING AND COMBINING WRITE BARRIERS FOR A GARBAGE-COLLECTED HEAP  
Filed: 10/3/2003  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 014590/0742  
Reference No: 33226/971001; P7863
30. Patent Application/Serial No.: 10/653,828  
Title: SHARED SYNCHRONIZED SKIP-LIST DATA STRUCTURE AND TECHNIQUE EMPLOYING LINEARIZABLE OPERATIONS  
Filed: 9/3/2003  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 014483/0341  
Reference No: 33226/972001; P7982



31. **Patent Application/Serial No.:** 10/991,148  
**Title:** USE OF MEMORY PROTECTION TO IMPLEMENT REPLICATING COLLECTION IN A INCREMENTAL, COPYING GARBAGE COLLECTOR  
**Filed:** 11/17/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016007/0616  
**Reference No:** 33226/974001; P8226
32. **Patent Application/Serial No.:** 10/881.101  
**Title:** USING CLASS PROPERTIES TO DEGREGATE OBJECTS IN A GENERATION MANAGED BY THE TRAIN ALGORITHM  
**Filed:** 6/30/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015539/0072  
**Reference No:** 33226/975001; P8231
33. **Patent Application/Serial No.:** 11/021,287  
**Title:** METHOD AND APPARATUS FOR FORWARDING REFERENCES TO OBJECTS CONCURRENTLY WITH SPACE-INCREMENTAL GARBAGE COLLECTION  
**Filed:** 12/23/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015627/0335  
**Reference No:** 33226/976001; P8274

34. **Patent Application/Serial No.:** 10/313,878  
**Patent No.:** 7,143,124  
**Title:** DETECTION OF DEAD REGIONS  
DURING INCREMENTAL  
COLLECTION  
**Filed:** 12/6/2002  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 013559/0709  
**Reference No:** 33226/977001; P8275
35. **Patent Application/Serial No.:** 10/930,483  
**Title:** IMPROVED SCANNING OF  
EVACUATED OBJECTS IN A  
GENERATION MANAGED BY THE  
TRAIN ALGORITHM  
**Filed:** 8/31/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015782/0538  
**Reference No:** 33226/978001; P8276
36. **Patent Application/Serial No.:** 10/391,405  
**Title:** PARALLEL CACHING OF  
INSERTIONS INTO REMEMBERED  
SETS  
**Filed:** 3/18/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 013890/0128  
**Reference No:** 33226/979001; P8303

**37. Patent Application/Serial No.: 11/131,827**

**Title:** METHOD AND APPARATUS FOR  
CONCURRENTLY PROCESSING  
REMEMBERED SETS IN A SPACE-  
INCREMENTAL GARBAGE  
COLLECTOR

**Filed:** 5/18/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016366/0209

**Reference No:** 33226/981001; P8317

**38. Patent Application/Serial No.: 10/309,503**

**Patent No.:** 7,136,887

**Title:** METHOD AND MECHANISM FOR  
FINDING REFERENCES IN A CARD  
IN TIME LINEAR IN THE SIZE OF  
THE CARD IN A GARBAGE-  
COLLECTED HEAP

**Filed:** 12/4/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013550/0405

**Reference No:** 33226/982001; P8318

**39. Patent Application/Serial No.: 10/799,186**

**Title:** EXPLOITING POPULAR OBJECTS TO  
REDUCE MUTATOR OVERHEAD

**Filed:** 3/12/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015091/0736

**Reference No:** 33226/984001; SUN040081

40. Patent Application/Serial No.: 10/986,527  
Title: EXPLOITING POPULAR OBJECTS TO  
REDUCE MUTATOR OVERHEAD  
Filed: 11/11/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015983/0321  
Reference No: 33226/984002; SUN040081
41. Patent Application/Serial No.: 10/799,187  
Title: CONCURRENT-MARKING-  
INITIATION HEURISTIC  
Filed: 3/12/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015095/0376  
Reference No: 33226/983001; SUN040079
42. Patent Application/Serial No.: 10/986,401  
Title: CONCURRENT-MARKING-  
INITIATION HEURISTIC  
Filed: 11/11/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016020/0320  
Reference No: 33226/983002; SUN040079-CIP

**43. Patent Application/Serial No.:** 11/090,398

**Title:** METHOD AND APPARATUS FOR  
SWITCHING BETWEEN PER-THREAD  
AND PER-PROCESSOR RESOURCE  
POOLS IN MULTI-THREADED  
PROGRAMS

**Filed:** 3/25/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016300/0319

**Reference No:** 33226/987001; SUN040951

**44. Patent Application/Serial No.:** 11/215,510

**Title:** METHOD AND APPARATUS FOR  
SELECTIVELY ELIMINATING WRITE  
BARRIERS IN SNAPSHOT-AT-THE-  
BEGINNING CONCURRENT-  
MARKING GARBAGE COLLECTORS

**Filed:** 8/30/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016542/0156

**Reference No:** 33226/989001; SUN041094

**45. Patent Application/Serial No.: 11/128,791**

**Title:** METHOD AND APPARATUS FOR  
REDUCING REMEMBERED SET  
OVERHEAD IN A GENERATIONAL  
GARBAGE COLLECTOR BY  
CONSTRAINING COLLECTION SET  
CHOICE

**Filed:** 5/13/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016336/0241

**Reference No:** 33226/990001; SUN041424

**46. Patent Application/Serial No.: 11/021,260**

**Title:** METHOD AND APPARATUS FOR  
ISOLATING SELECTED HEAP  
OBJECTS USING A FAULTING  
ADDRESS TRAP

**Filed:** 12/23/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015627/0286

**Reference No:** 33226/991001; SUN041505

**47. Patent Application/Serial No.: 11/091,661**

**Title:** METHOD AND APPARATUS FOR  
IMPROVING PARALLEL MARKING  
GARBAGE COLLECTORS THAT USE  
EXTERNAL BITMAPS

**Filed:** 3/28/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016082/0276

**Reference No:** 33226/992001; SUN050023

48. Patent Application/Serial No.: 11/091,032  
Title: METHOD AND APPARATUS FOR  
RECORDING MODIFIED REFERENCE  
LOCATIONS IN GARBAGE-  
COLLECTED HEAP MEMORY  
Filed: 3/28/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016082/0191  
Reference No: 33226/993001; SUN050025
49. Patent Application/Serial No.: 11/218,145  
Title: METHOD AND APPARATUS FOR  
DYNAMICALLY PRE-TENURING  
OBJECTS IN A GENERATIONAL  
GARBAGE COLLECTION SYSTEM  
Filed: 9/1/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016542/0121  
Reference No: 33226/994001; SUN050202
50. Patent Application/Serial No.: 11/218,179  
Title: METHOD AND APPARATUS FOR  
BYTE ALLOCATION ACCOUNTING  
IN A SYSTEM HAVING A MULTI-  
THREADED APPLICATION AND A  
GENERATIONAL GARBAGE  
COLLECTOR THAT DYNAMICALLY  
PRE-TENURES OBJECTS  
Filed: 9/1/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016542/0109  
Reference No: 33226/995001; SUN050203

51. Patent Application/Serial No.: 11/474,599

Title: APPARATUS AND METHOD FOR  
COORDINATED VIEWS OF  
CLUSTERED DATA

Filed: 6/26/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017917/0010

Reference No: 33226/996001; SUN050482

52. Patent Application/Serial No.: 11/477,021

Title: METHOD AND APPARATUS FOR  
SEARCHING AND RESOURCE  
DISCOVERY IN A DISTRIBUTED  
ENTERPRISE SYSTEM

Filed: 6/28/2006

Applicant: Sun Microsystems, Inc.

Reference No: 33226/997001; SUN050600

53. Patent Application/Serial No.: 11/413,641

Title: METHOD AND APPARATUS FOR  
BROWSING SEARCH RESULTS VIA A  
VIRTUAL FILE SYSTEM

Filed: 4/28/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017754/0711

Reference No: 33226/998001; SUN050633



54. Patent Application/Serial No.: 11/182,539  
Title: METHOD AND APPARATUS FOR  
GENERATING MEDIA PLAYLISTS BY  
DEFINING PATHS THROUGH MEDIA  
SIMILARITY SPACE  
Filed: 7/15/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016366/0563  
Reference No: 33226/999001; SUN050732
55. Patent Application/Serial No.: 10/800,363  
Title: MIXING COPYING COLLECTION  
AND CONCURRENT MARKING  
Filed: 3/12/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015983/0314  
Reference No: 33226/938000; SUN040073
56. Patent Application/Serial No.: 09/837,669  
Patent No.: 7,017,160  
Title: CONCURRENT SHARED OBJECT  
IMPLEMENTED USING A LINKED-  
LIST WITH AMORTIZED NODE  
ALLOCATION  
Filed: 4/18/2001  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011734/0644  
Reference No: 33226/960001; P4665-CIP-0

57. Patent Application/Serial No.: 11/384,627

Title: CONCURRENCY TECHNIQUE FOR  
SHARED OBJECTS

Filed: 3/20/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.:

Reference No: 33226/960002; P4665US-CON-0

PTO/SB/87 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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Application No. (if known): 09/547,288

Attorney Docket No.: 33226/959002: P4663

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Revocation and Substitute POA Under 37 CFR § 1.36 with attached Appendix A  
(22 pages)